

In the Specification:

Please amend paragraph 0026 as follows:

Alternatively, as FIG. 4 shows, a further lenslet array 450 is used in place of the lens 350 in the detection system. In the illumination system 106, the incoming light beam 410 is divided into a plurality of light rays 420 [[410]] by a first lenslet array 400 of the illumination system 104 in the manner described above and directed onto a plurality of locations 430 on the surface of the substrate 120. The scattered or reflected rays 440 from the surface of the substrate are then directed into a further lenslet array 450 of the light detection system 106 for processing by further known measurement systems. The use of lenslet arrays as a sensor is known in the art, such as is used in a Shack-Hartmann sensor.

Please amend paragraph 0031 as follows:

Generally, the spacing between adjacent features, such as the distance between the rows of trenches 602 [[402]] or the distance between the individual trenches of a row of trenches, is known for a particular generation of devices based on the design rules of the photolithographic masks used to print the features. Because these distances are known, the diameter, spacing and angles of the lenslets of the lenslet array may be disposed so that each lenslet of the array illuminates a particular trench with only a minimum amount of "background" area being illuminated. Typically, the lenslet array is manufactured for a particular feature level and device generation, though a particular lenslet array may be suitable for more than one device levels, such as by adjusting the position and angle of the lenslet array.